Lipids and Lipid Metabolism

Vol. 1170, 1993

Cumulative Contents

Information for Contributors	vii	Synthesis and use of novel fluorescent glycosphin- golipids for estimating β -glucosidase activity in	
Regular Papers		vitro in the absence of detergents and subtyp- ing Gaucher disease variants following admin-	
Synthetic model peptides for apolipoproteins. I. Design and properties of synthetic model peptides for the amphipathic helices of the plasma apolipoproteins R. Brasseur, B. Vanloo, R. Deleys, L. Lins, C. Labeur, J. Taveirne, JM. Ruysschaert and M. Rosseneu (Belgium) Synthetic model peptides for apolipoproteins. II. Characterization of the discoidal complexes generated between phospholipids and synthetic model peptides for apolipoproteins J. Corijn, R. Deleys, C. Labeur, B. Vanloo, L. Lins, R. Brasseur, J. Baert, J.M. Ruysschaert and	1	istration into intact cells V. Agmon, S. Cherbu, A. Dagan, M. Grace, G.A. Grabowski and S. Gatt (Israel, USA) Delayed effects of early nutrition with cholesterol plus saturated or polyunsaturated fatty acids on intestinal morphology and transport func- tion in the rat A.B.R. Thomson, M. Keelan, T. Cheng and M.T. Clandinin (Canada) Purification of a human cytochrome P-450 isozyme catalyzing lanosterol 14α-demethyl- ation Y. Sonoda, M. Endo, K. Ishida, Y. Sato, N.	72 80
M. Rosseneu (Belgium)	8	Fukusen and M. Fukuhara (Japan)	92
Interleukin-1 increases 15-hydroxyeicosatetra- enoic acid formation in cultured human en-		Preface	vii
dothelial cells S. López, L. Vila, F. Breviario and C. De Castellarnau (Spain, Italy) Human blood group B-active ganglio-glycosphingolipid in rat glioma	17	Review Enzymes catalysing the hydrolysis of retinyl esters E.H. Harrison (USA)	99
K. Suetake, S. Gasa, T. Taki, M. Chiba, T. Yamaki, Y. Ibayashi and K. Hashi (Japan) Rapid stimulation of apolipoprotein B secretion	25	Regular Papers	
by oleate is not associated with cholesteryl ester biosynthesis in HepG2 cells S. Furukawa and T. Hirano (Japan) Effect of nitrogen dioxide inhalation on surfactant phosphatidylcholine synthesis in rat alveo-	32	Acyl-binding/lipid-transfer proteins from rape seedlings, a novel category of proteins interacting with lipids J. Østergaard, C. Vergnolle, F. Schoentgen and JC. Kader (France) Substrate and hormone regulation of palmitoyl-	109
lar type II cells B. Müller and P. von Wichert (Germany) Purification of peroxisomes and subcellular distribution of enzyme activities for activation and oxidation of very-long-chain fatty acids in rat	38	CoA synthetase in 7800 C1 Morris hepatoma cells and cultured rat hepatocytes P. Wu, S. Skrede, E. Hvattum and J. Bremer (Norway)	118
brain I. Singh, O. Lazo and K. Kremser (USA) Galactocerebrosidase from human urine: purification and partial characterization	44	Purification and characterization of a phospholipase A ₂ from human ileal mucosa T. Minami, H. Tojo, Y. Shinomura, Y. Matsuzawa and M. Okamoto (Japan)	125
Y.Q. Chen and D.A. Wenger (USA) Early catalytic steps of Euglena gracilis chloroplast type II fatty acid synthase L.M.S. Worsham, S.G. Williams and M.L.	53		
Ernst-Fonberg (USA)	62	cont	inuea

Isolation and characterization of a novel glu- curonosyl diacylglycerol from Mycobacterium smegmatis B.A. Wolucka, M.R. McNeil, L. Kalbe, C. Cocito	121	Nucleotide sequence encoding a novel member of the hydratase/dehydrogenase family	
and P.J. Brennan (Belgium, USA) Studies to determine if rat liver contains chain-	131	T. Mantamadiotis, P. Sobieszczuk, J. Weinstock and G.S. Baldwin (Australia)	211
length-specific acyl-CoA 6-desaturases M. Geiger, B.S. Mohammed, S. Sankarappa and	137	Editorial	v
H. Sprecher (USA) Two independent macrophage receptors for	137	Review	
acetylated high-density lipoprotein		Review	
A. Miyazaki, M. Sakai, E. Yamaguchi, YI.		Mammalian non-pancreatic phospholipases A ₂	
Sakamoto, M. Shichiri and S. Horiuchi (Japan)	143	I. Kudo, M. Murakami, S. Hara and K. Inoue	
Effect of various $n-3/n-6$ fatty acid ratio		(Japan)	217
contents of high fat diets on rat liver and heart			
peroxisomal and mitochondrial β -oxidation		Regular Papers	
J. Vamecq, L. Vallee, P.L. De la Porte, M.			
Fontaine, D. De Craemer, C. Van den Branden,		Luteal phase-characteristic induction of I ³ SO ₃ -	
H. Lafont, R. Grataroli and G. Nalbone (France,	151	GalCer in human cervical epithelia and uter-	
Belgium) The potential for platelet-activating factor syn-	151	ine endometria, and follicular phase-character-	
thesis in brain: properties of cholinephospho-		istic formation of a ganglioside-derived nega-	
transferase and 1-alkyl-sn-glycero-3-phosphate		tive charge gradient in different regions of fallopian tubes	
acetyltransferase in microsomal fractions of		K. Takamatsu, K. Kamei, K. Kubushiro, K.	
immature rabbit cerebral cortex		Kiguchi, S. Nozawa and M. Iwamori (Japan)	232
R.R. Baker and Hy. Chang (Canada)	157	Hormonal regulation of cholinephosphate cytidy-	
The low-density lipoprotein receptor and choles-		lyltransferase in human fetal lung	
terol synthesis are affected differently by di-		A. Sharma, L.W. Gonzales and P.L. Ballard	
etary cholesterol in the rat		(USA)	237
P.D. Roach, S. Balasubramaniam, F. Hirata, M. Abbey, A. Szanto, L.A. Simons and P.J. Nestel		cis-9,cis-15-Octadecadienoic acid: a novel fatty	
(Australia)	165	acid found in higher plants	
Influence of linoleic acid on desaturation and	105	A. Shibahara, K. Yamamoto, K. Shinkai, T. Nakayama and G. Kajimoto (Japan)	245
uptake of deuterium-labeled palmitic and		Pyruvate stimulates hormonal induction of li-	243
stearic acids in humans		pogenic enzymes in primary cultured rat hepa-	
E.A. Emken, R.O. Adlof, W.K. Rohwedder and		tocytes	
R.M. Gulley (USA)	173	Y. Tomita, S. Abraham, C. Noda and A. Ichi-	
Stimulation of Fe ²⁺ -induced lipid peroxidation in		hara (Japan)	253
phosphatidylcholine liposomes by aluminium		Studies on the subcellular distribution of 1-O-al-	
ions at physiological pH T. Ohyashiki, T. Karino and K. Matsui (Japan)	182	kyl-2-acetyl-sn-glycero phosphocholine (PAF)	
Ether lipid synthesis: purification and identifica-	102	and on the enzymic activities involved in its	
tion of alkyl dihydroxyacetone phosphate syn-		biosynthesis within the ciliate Tetrahymena pyriformis	
thase from guinea-pig liver		D.C. Tsoukatos, A.D. Tselepis and M.E. Lekka	
A.W.M. Zomer, W.F.C. De Weerd, J. Langeveld		(Greece)	258
and H. Van den Bosch (Netherlands)	189	Effect of development and nutritional state on	
Control of maize lipid transfer protein activity by		the uptake, metabolism and release of free	
oxido-reducing conditions		and acetyl-L-carnitine by the rodent small in-	
M. Grosbois, F. Guerbette, A. Jolliot, F. Quintin	107	testine	
and JC. Kader (France)	197	C.J. Gross and D.A. Savaiano (USA)	265
Regulation of isoprenoid metabolism in rat liver: near constant chain lengths of dolichyl phos-		Arachidonate-containing triacylglycerols: biosyn-	
phate and ubiquinone are maintained during		thesis and a lipolytic mechanism for the re- lease and transfer of arachidonate to phospho-	
greatly altered rates of cholesterogenesis		lipids in HL-60 cells	
R.K. Keller and F. Vilsaint (USA)	204	M.L. Blank, Z.L. Smith and F. Snyder (USA)	275
· ·		, (001)	

	Effects of selenium supplement on the de novo biosynthesis of glycerolipids in the isolated rat	
283	heart	
	SY. Liu, P.G. Tardi, P.C. Choy and R.Y.K.	
	Man (Canada)	307
291	Type II phospholipase A2 in human gestational	
	tissues: extractable immuno- and enzymatic ac-	
	tivity in fetal membranes	
	M.A. Aitken, W. Farrugia, M.H. Wong, K.F.	
296	Scott, S.P. Brennecke and G.E. Rice (Australia)	314
	Cumulativa Contents Vol. 1170	221
	Cumulative Contents, Vol. 11/0	321
301	Author Index	324
	291	biosynthesis of glycerolipids in the isolated rat heart SY. Liu, P.G. Tardi, P.C. Choy and R.Y.K. Man (Canada) Type II phospholipase A ₂ in human gestational tissues: extractable immuno- and enzymatic ac- tivity in fetal membranes M.A. Aitken, W. Farrugia, M.H. Wong, K.F. Scott, S.P. Brennecke and G.E. Rice (Australia) Cumulative Contents, Vol. 1170